

I para do x six of longe or would to the standard of the stand

TRANS. OF THE ACAD. OF SCIENCE.

thicity that in tober the April, the year are apparent in both years, and we may spect divide the twelve months of each year into for instance, was greater number differences degrees higher December, months general features of Was ladder. March, the and both November These triffing Computing unusually lowest those ni of years and July The May temperature find in than of SO which f thunderstorms in 1862. January of so unusually rainy, that its relative hur by high, diminishing thus electricity. res of distribution of electricity throusent in both years, and we may in the electricity in an that of Janu lectricity in February, 1862, is about that of January, April somewhat I dy is the lowest instead of September in February be accounted a grature and relative humidity, and 1862 some interruptions months months which give the highe give the lowest in each year, December ascent took July, August, September by. The first group gives of January, Heb ber exhibit the place humidity, Hebruary, from may in in the

aggregate monthly mean of 71.5 degrees of electricity in 1861 and 74.6 " 1862 le the second group gives 29.0 " " 1861 " 1862 second group prevailed therefore in 1861, and the 19

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved



1. Tabana Date, oserved some e crystals were both ends devel whether they were hemihedral, as The hardness of the mineral is blowpipe; and when strongly blisters, but does not show any dose's designation) 800 .. ions in colorless, to egard. nade stre. he reactions of fluorine, alum leasured modifications: some basal cleavage, which modifications: all cr THE ACAD. Simpson, 0 for other elements, detritus to pyro-electricity and .. 2 Utah as Geologist of HENRY scarcely one third 01 transparent, remarkably beau were Top. of and ENGELMANN. all short trachytic crystals nds develonded hedral, as nineral is strongly how an 8 ... Was sharp nor Oren in capitala pluntlanden sermin of longe or with on the

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spaces

the sutures.

ate, sloping gently from their edges to apertures eight, very minute, situated a interradial plates. Anal opening large y elliptical. The

circular

tes. Anal opening large, The surface markings are

about one

A Processor of the second seco

CARO ROCK

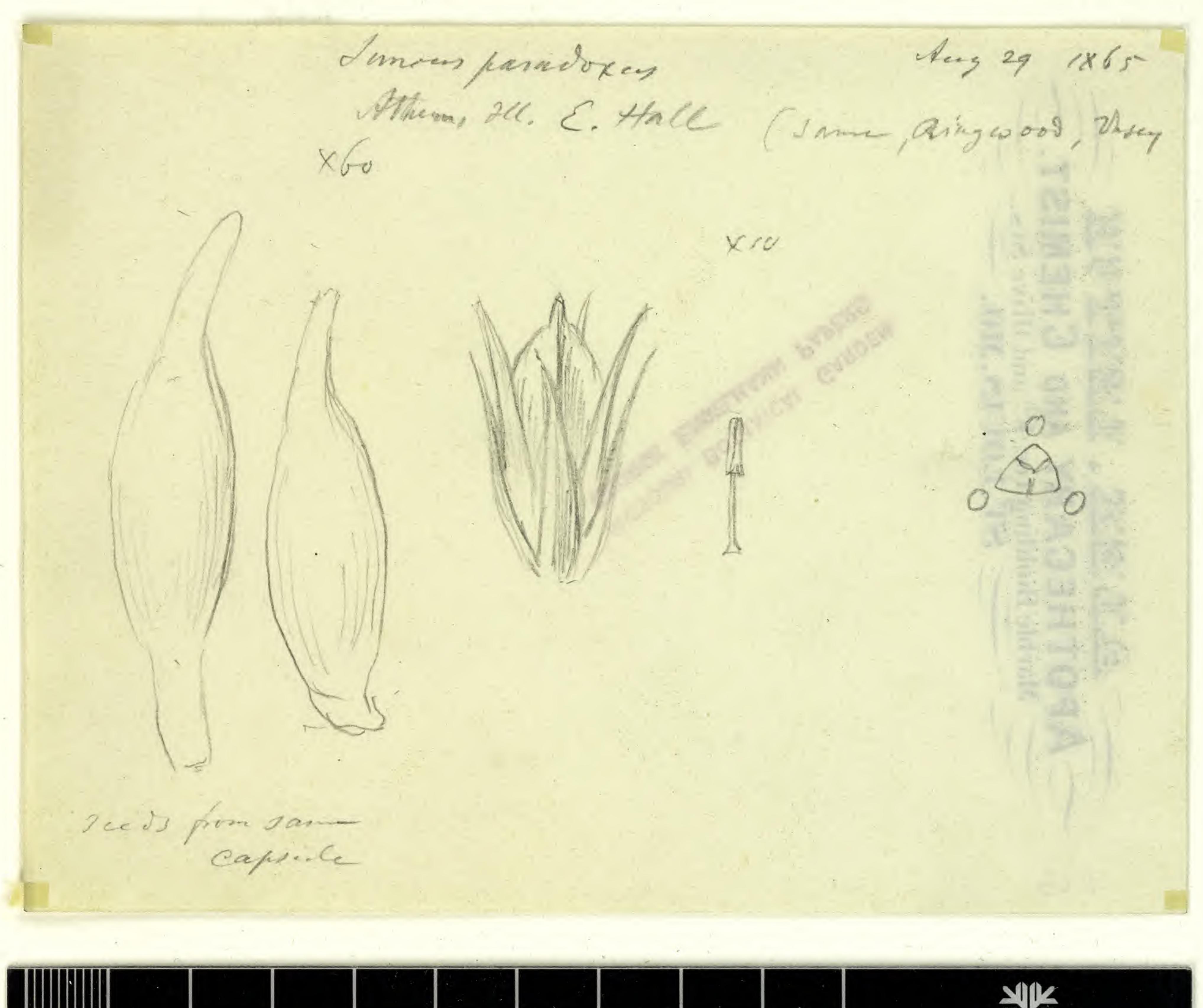
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KIRKWOODENSIS, ELEACRINUS

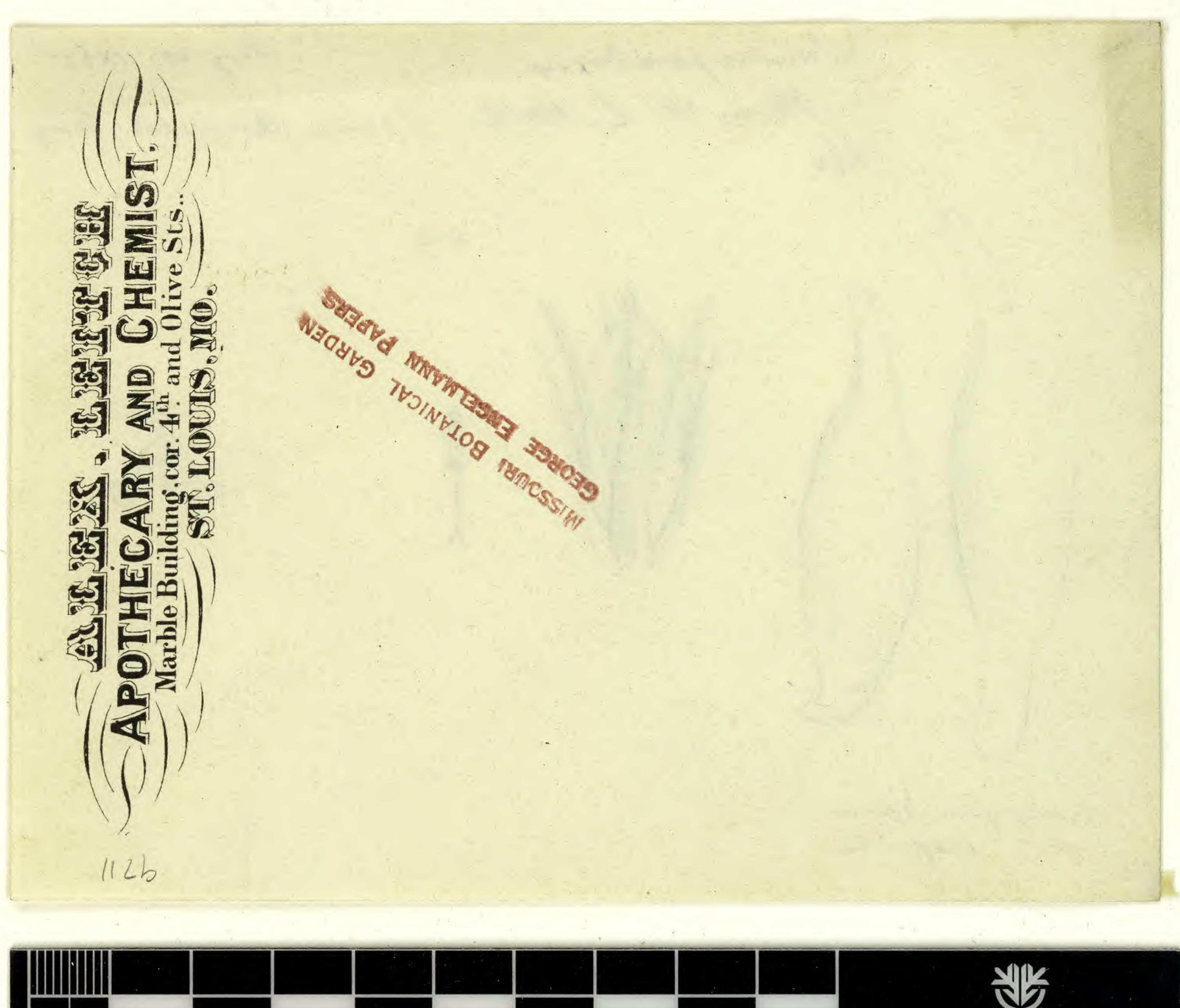
below, acutely angulated hort distance below the narrow der side longitudina concave wide, parallel; their edges on a level with the plane of the undal pieces (fork pieces) reaching to the base and or ore than four fifths the entire length of the body, gently ds each field. very below and widest in the middle, sides gently dial pieces subdeltoid, very prominent towalonger than wide, obtusely angulated below, above, and notched on either side a short csummit. Pseudo-ambulacral areas extend nmit, narrow, deeply impressed; sides need amounting to about fifty in each fie ure or slit extends from the central sum ds, separating the pore pieces of one sof the opposite for the distance of a sthought of the field, thence their inner edgedian line to the base. Pseudo-ambula small, subglobose, a little and below. Basal pieces SO TANTICAL. TENGELMANN PARISE

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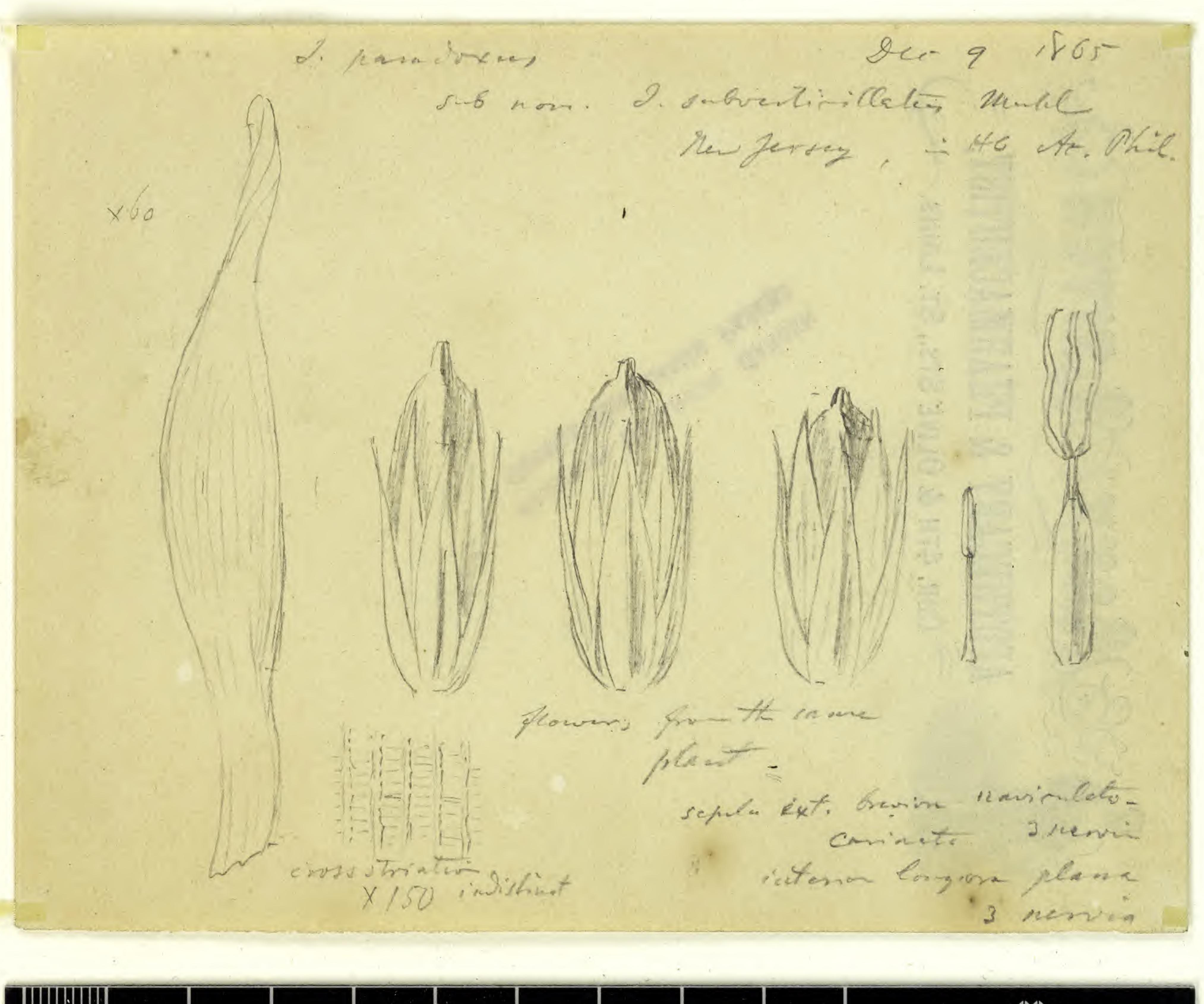
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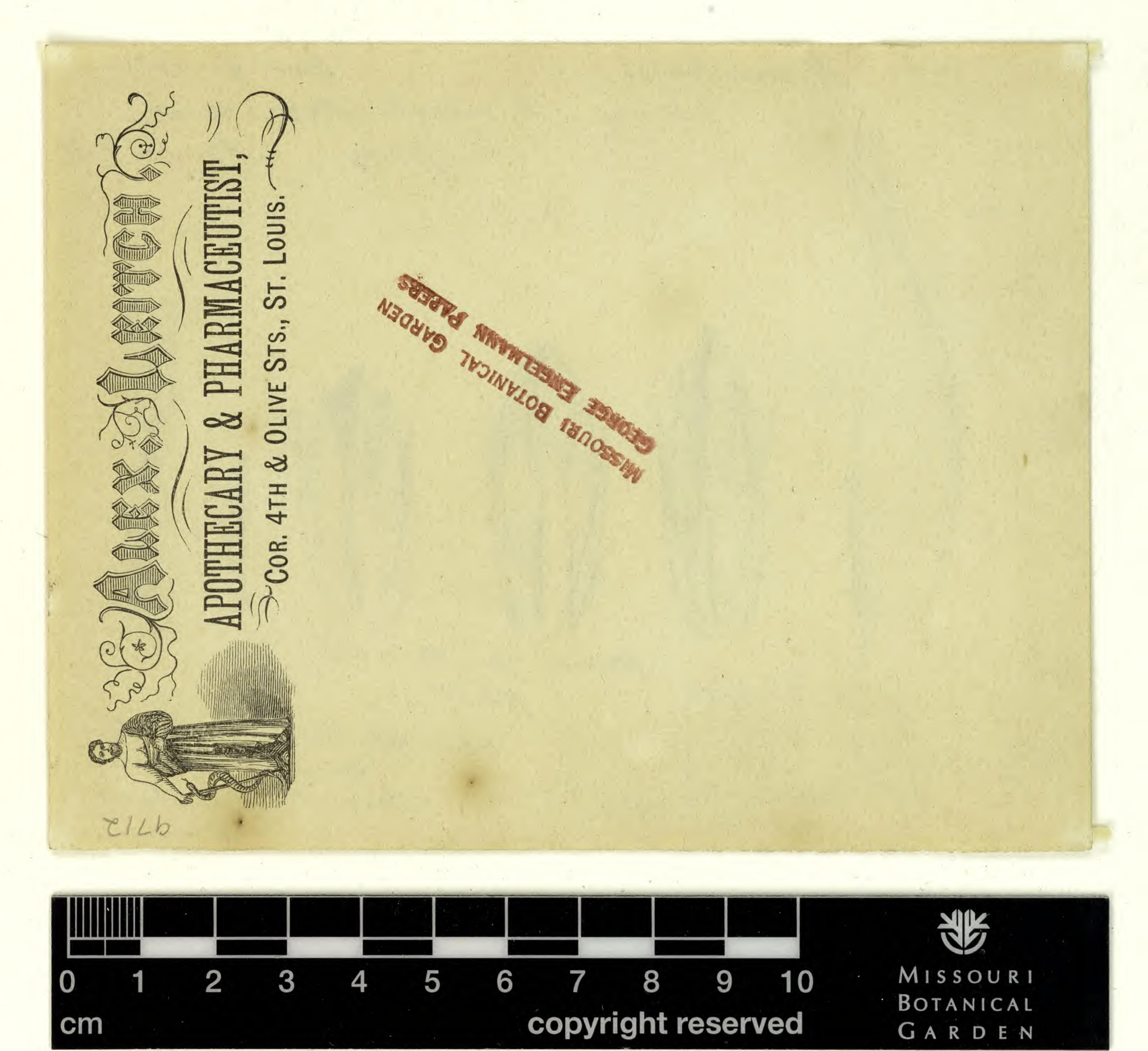


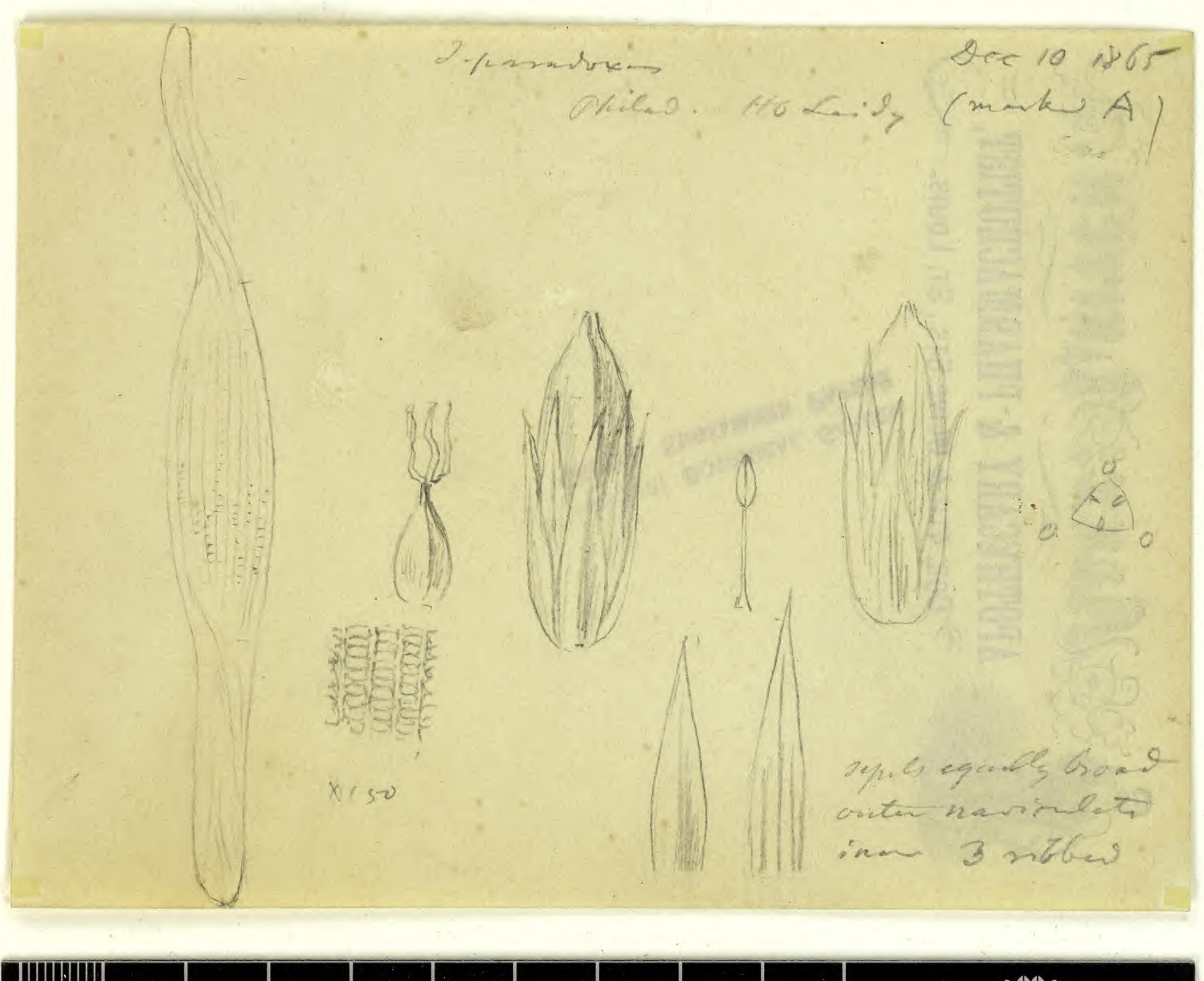




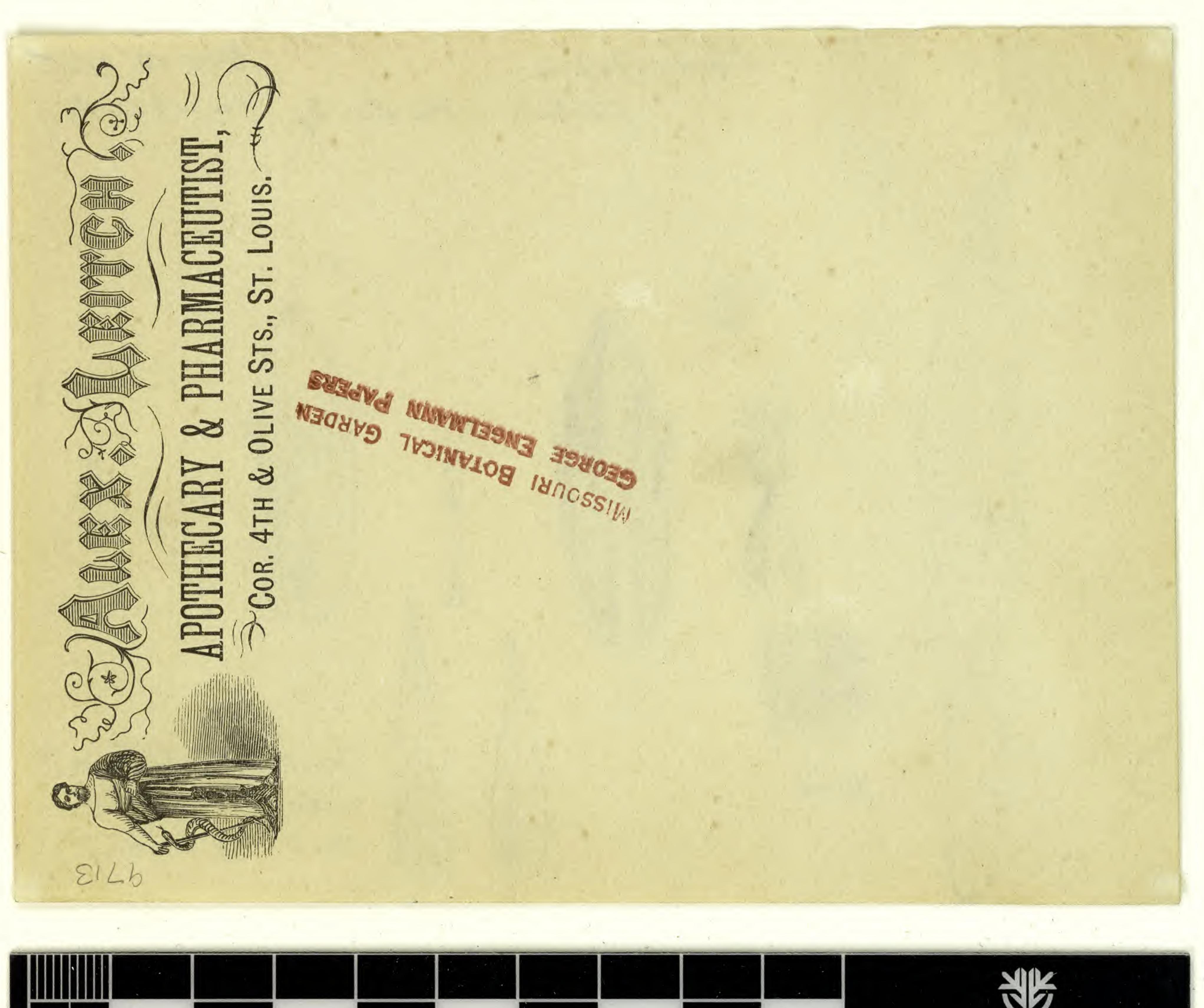


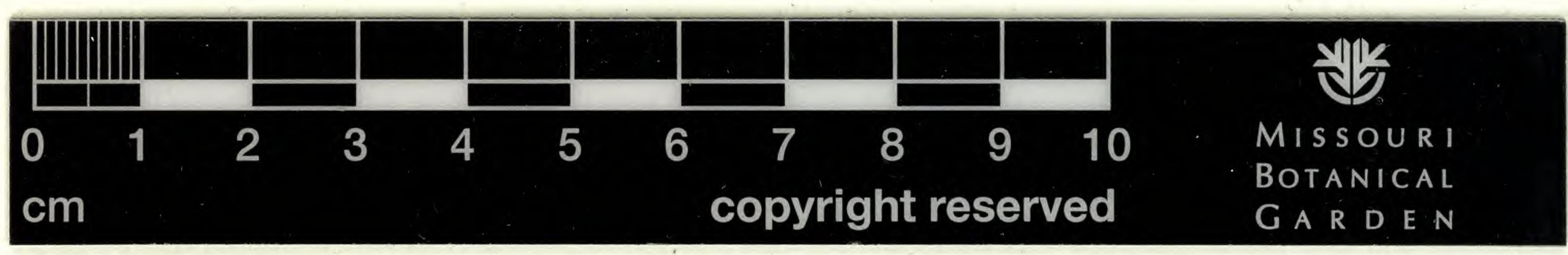






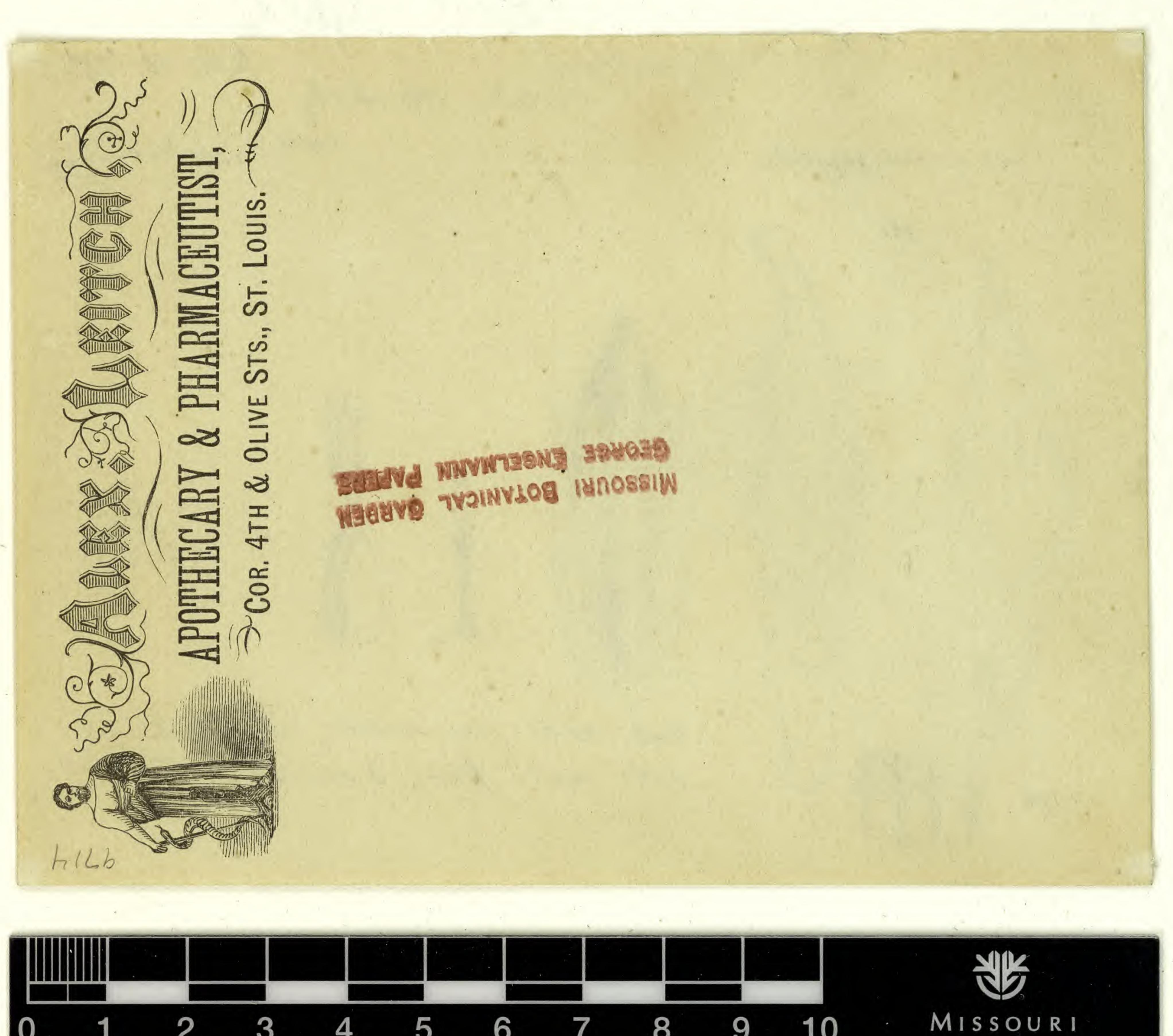




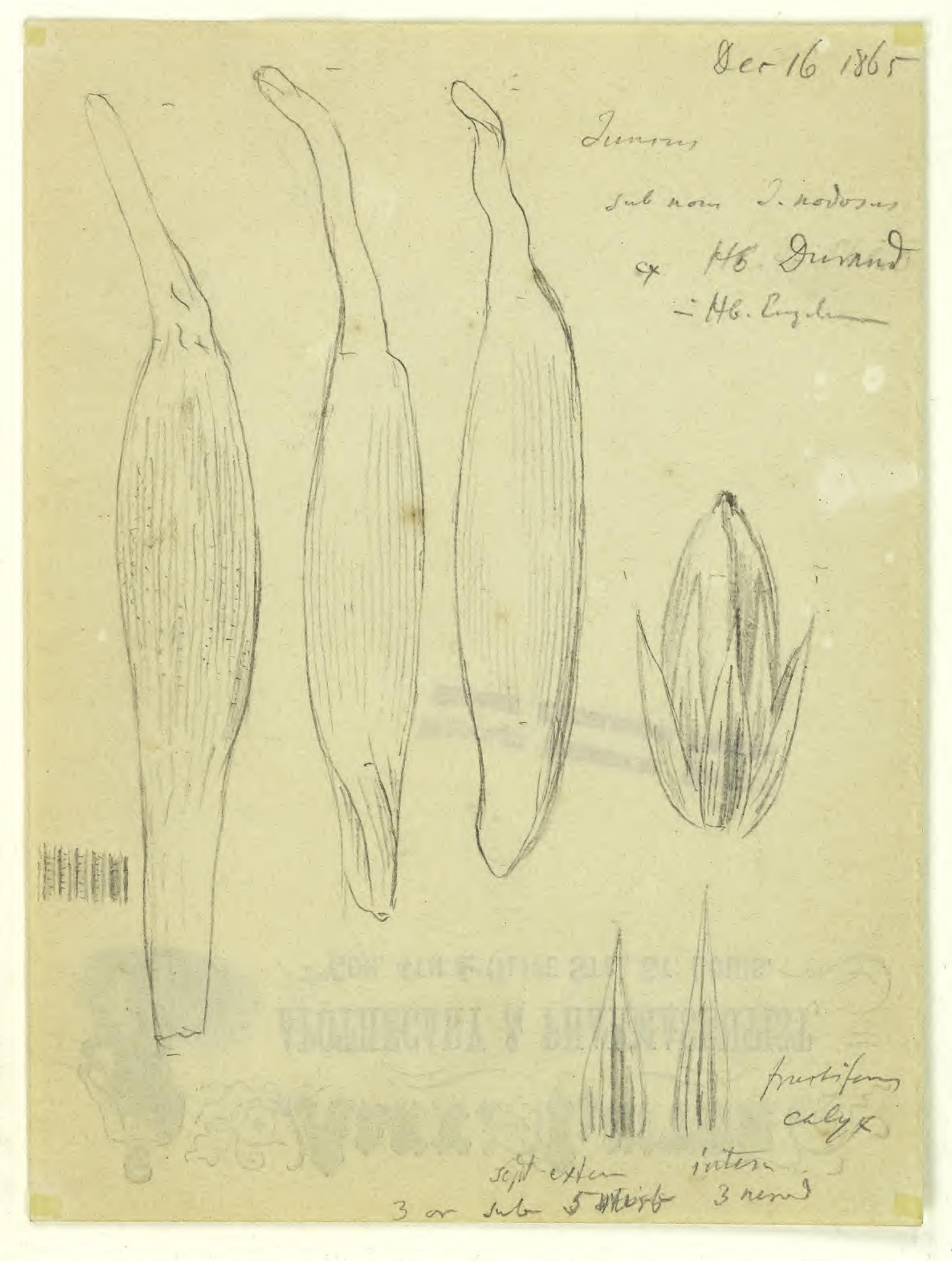




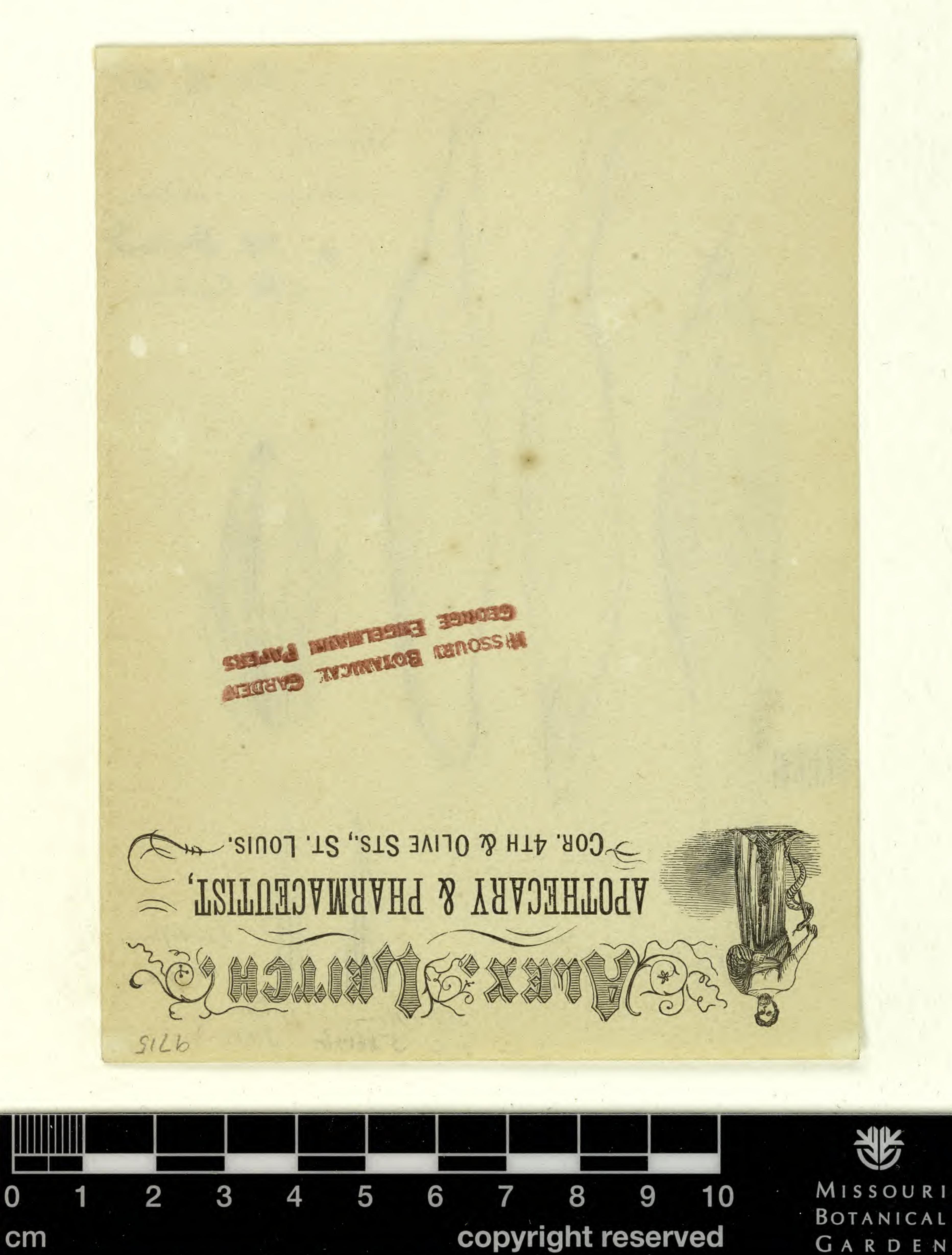


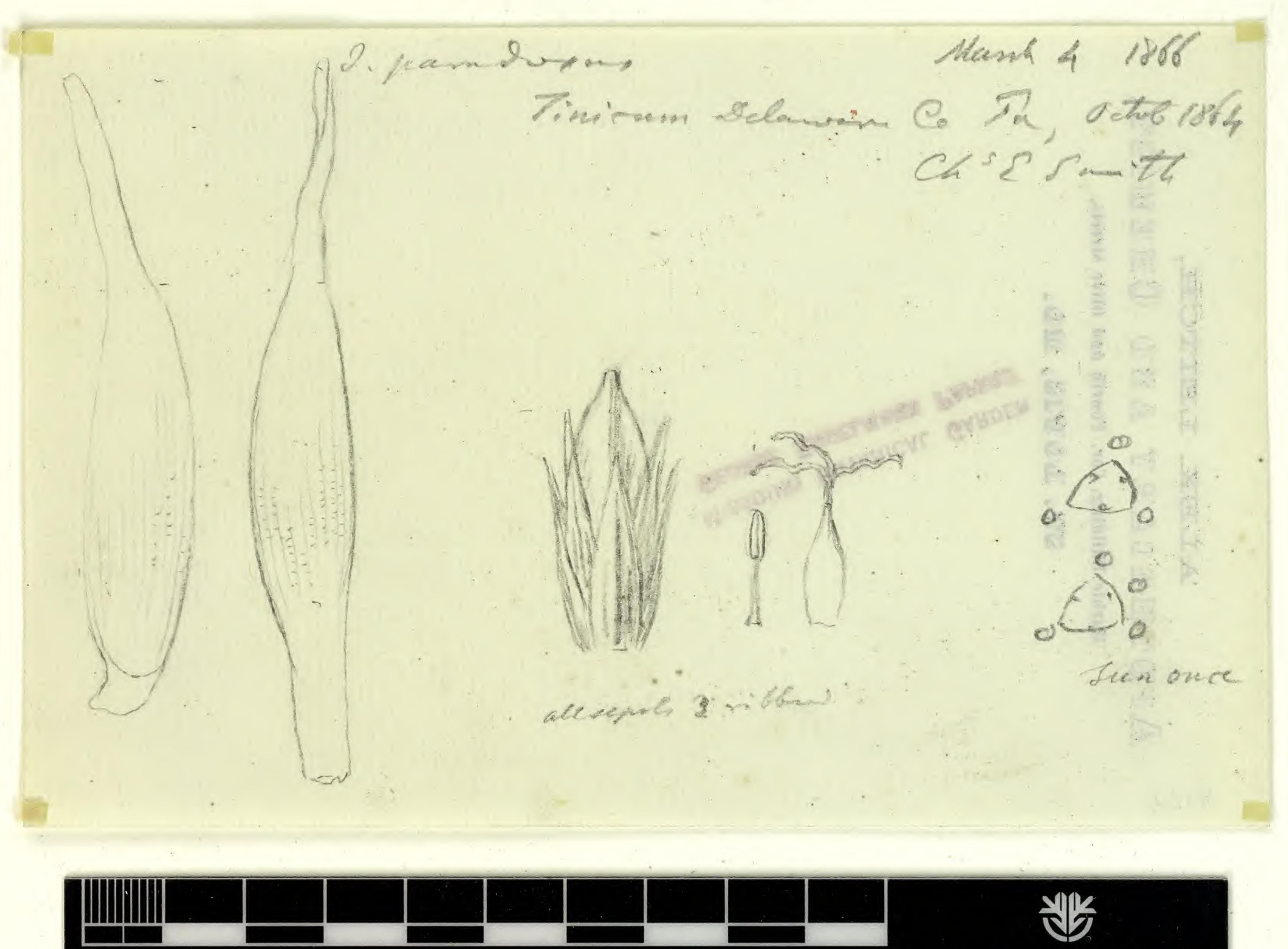






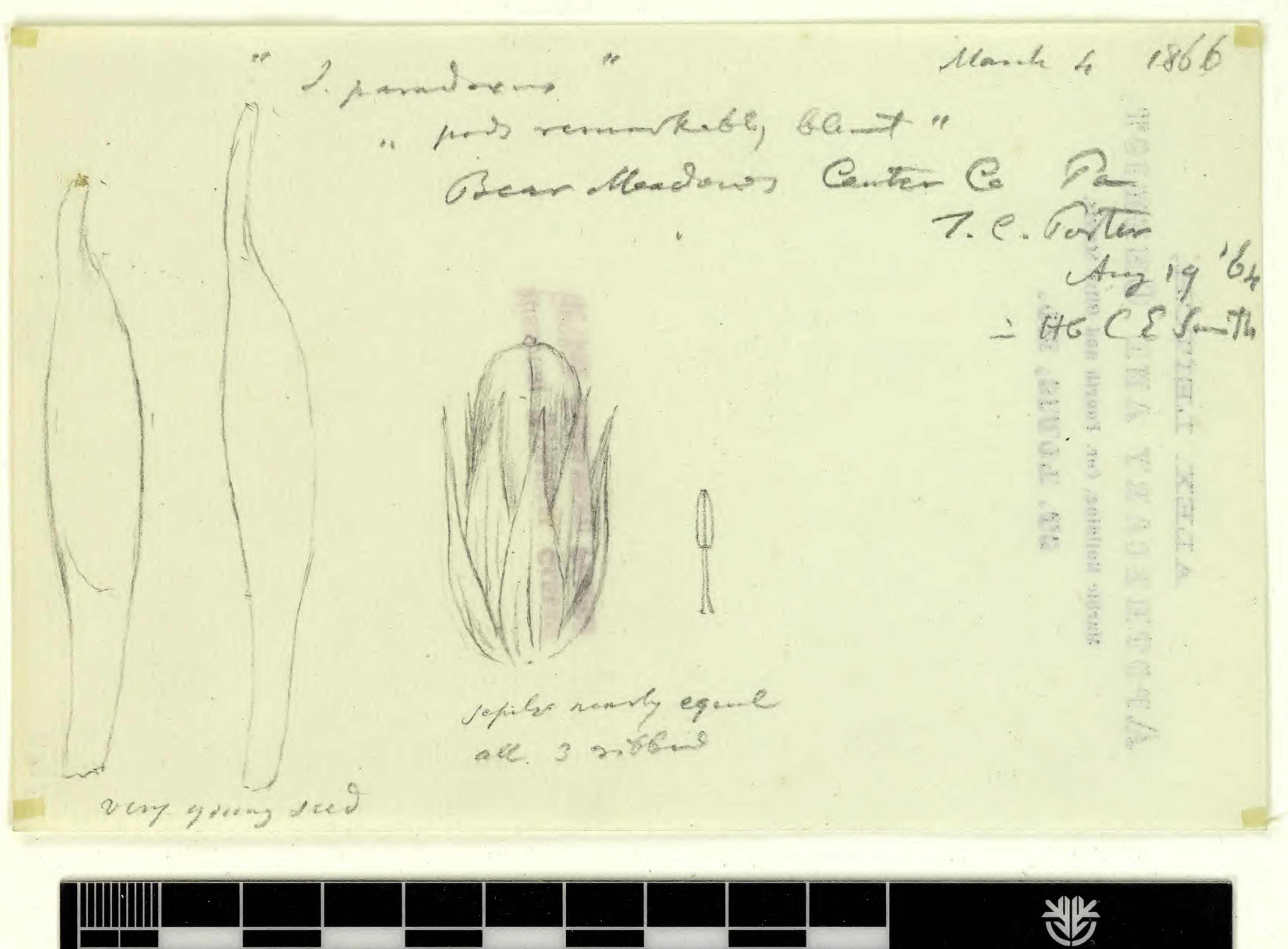














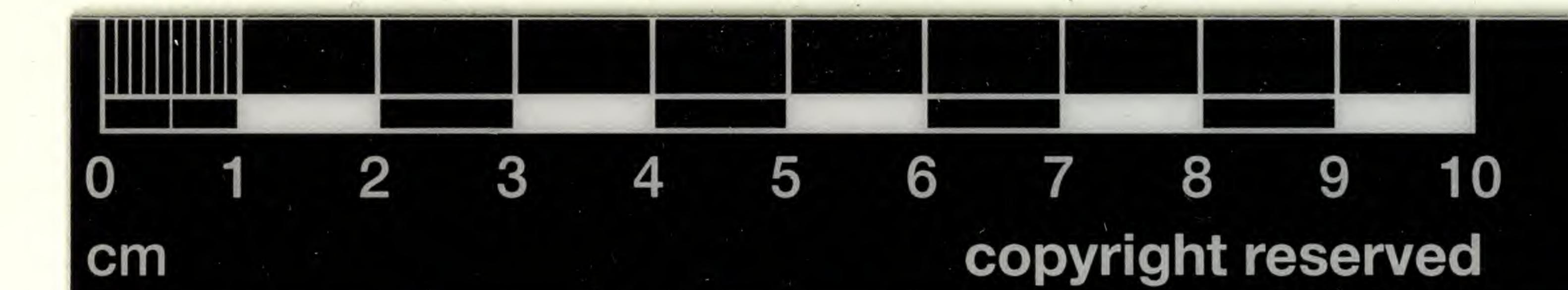
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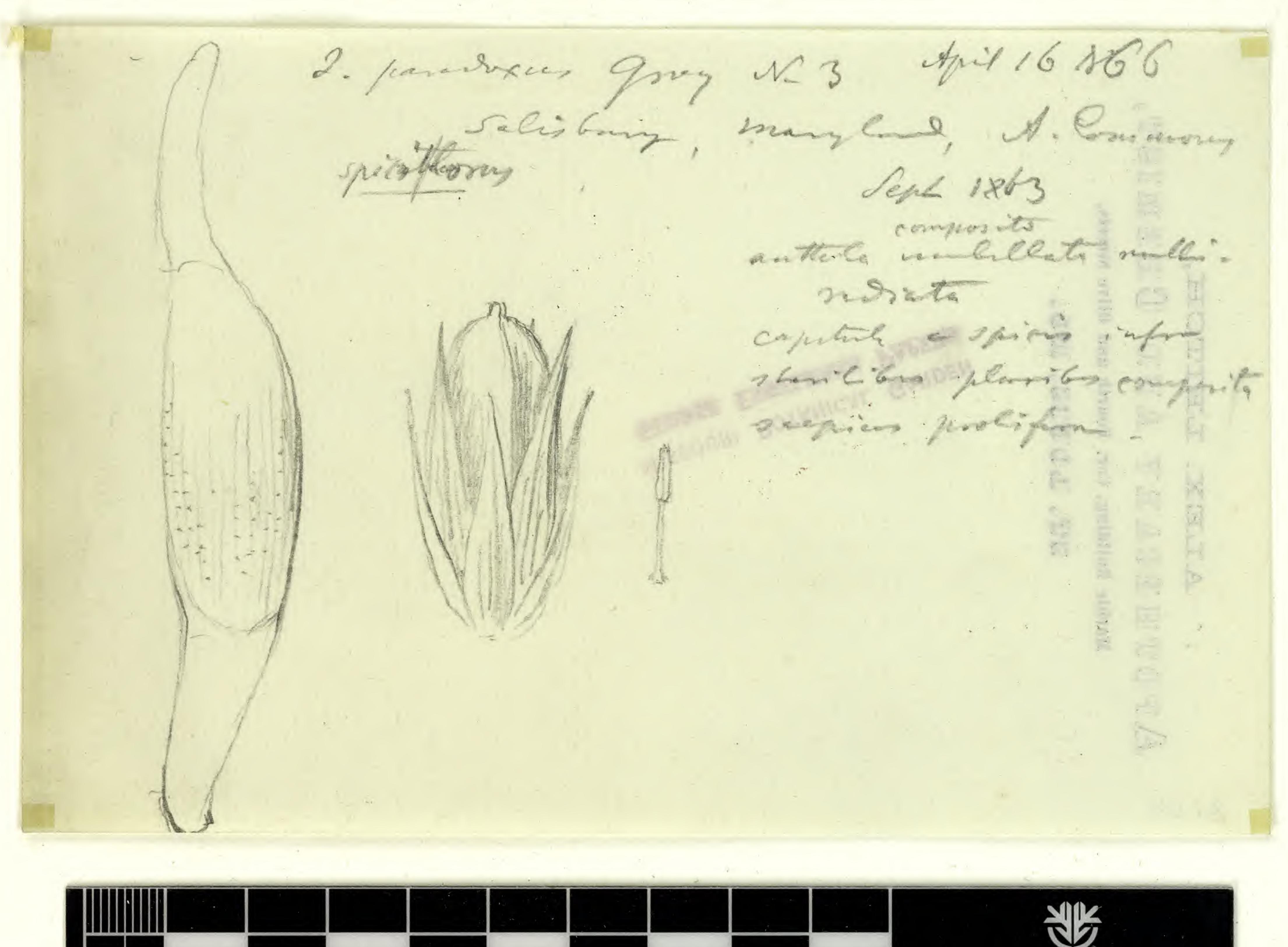
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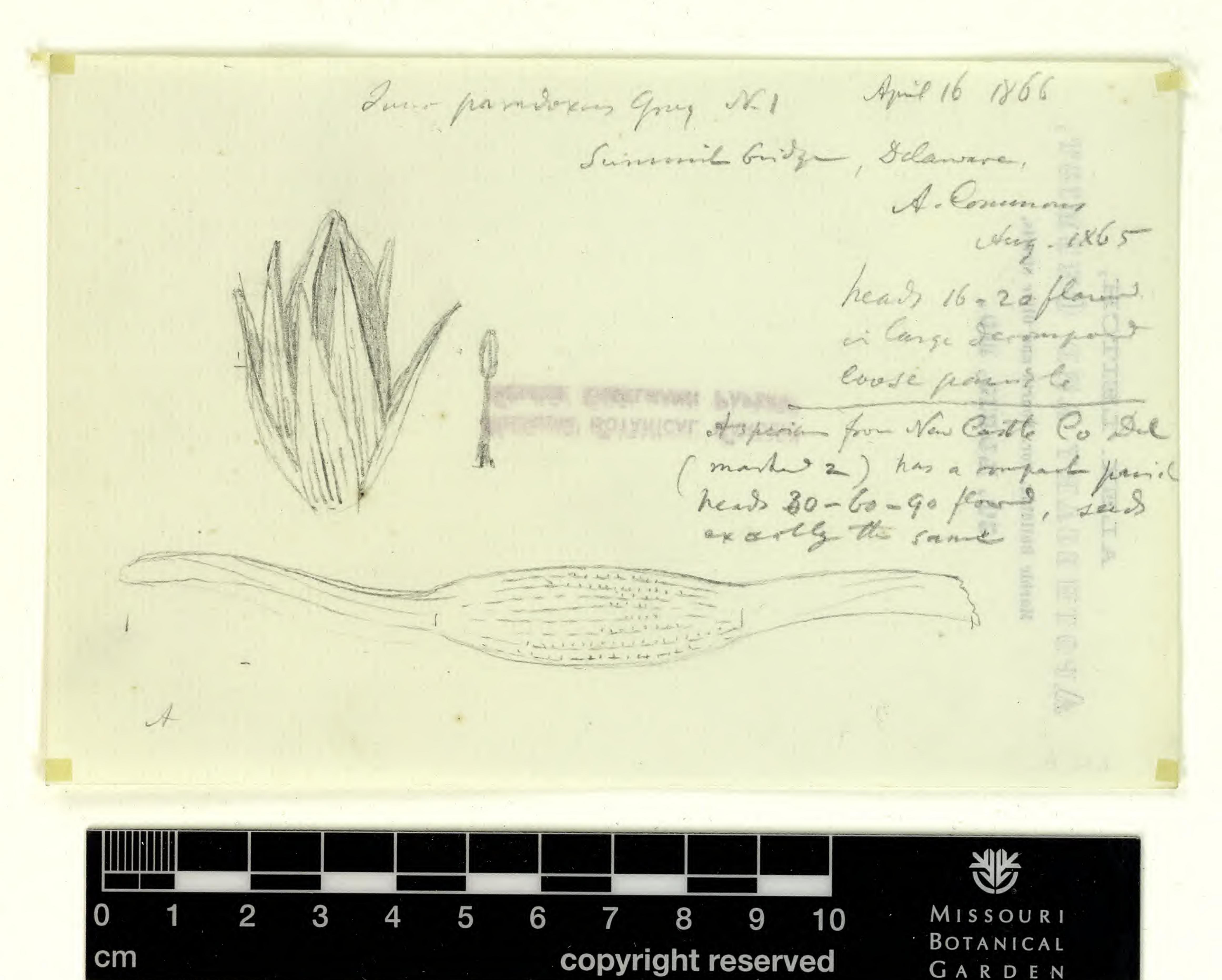




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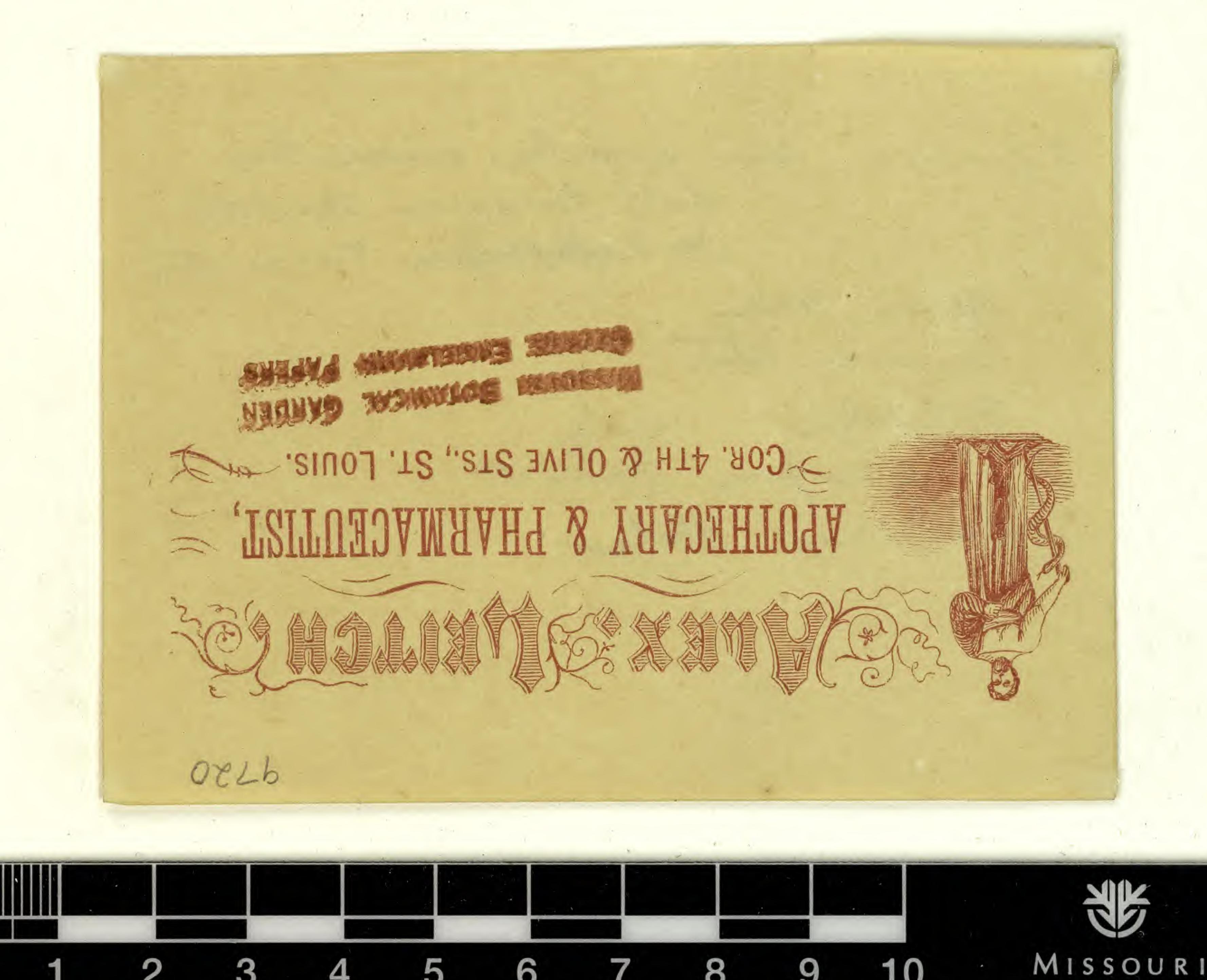






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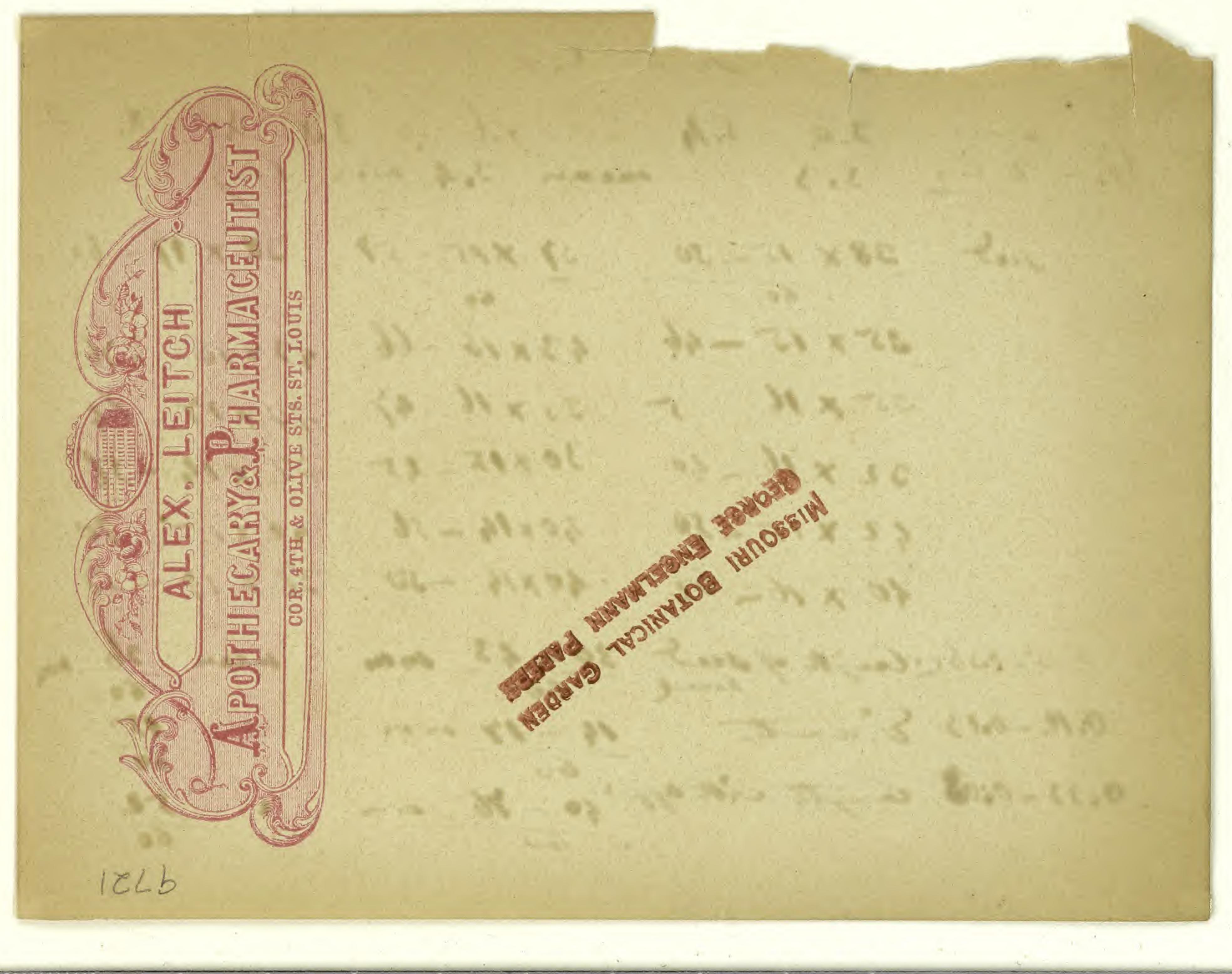
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BOTANICAL

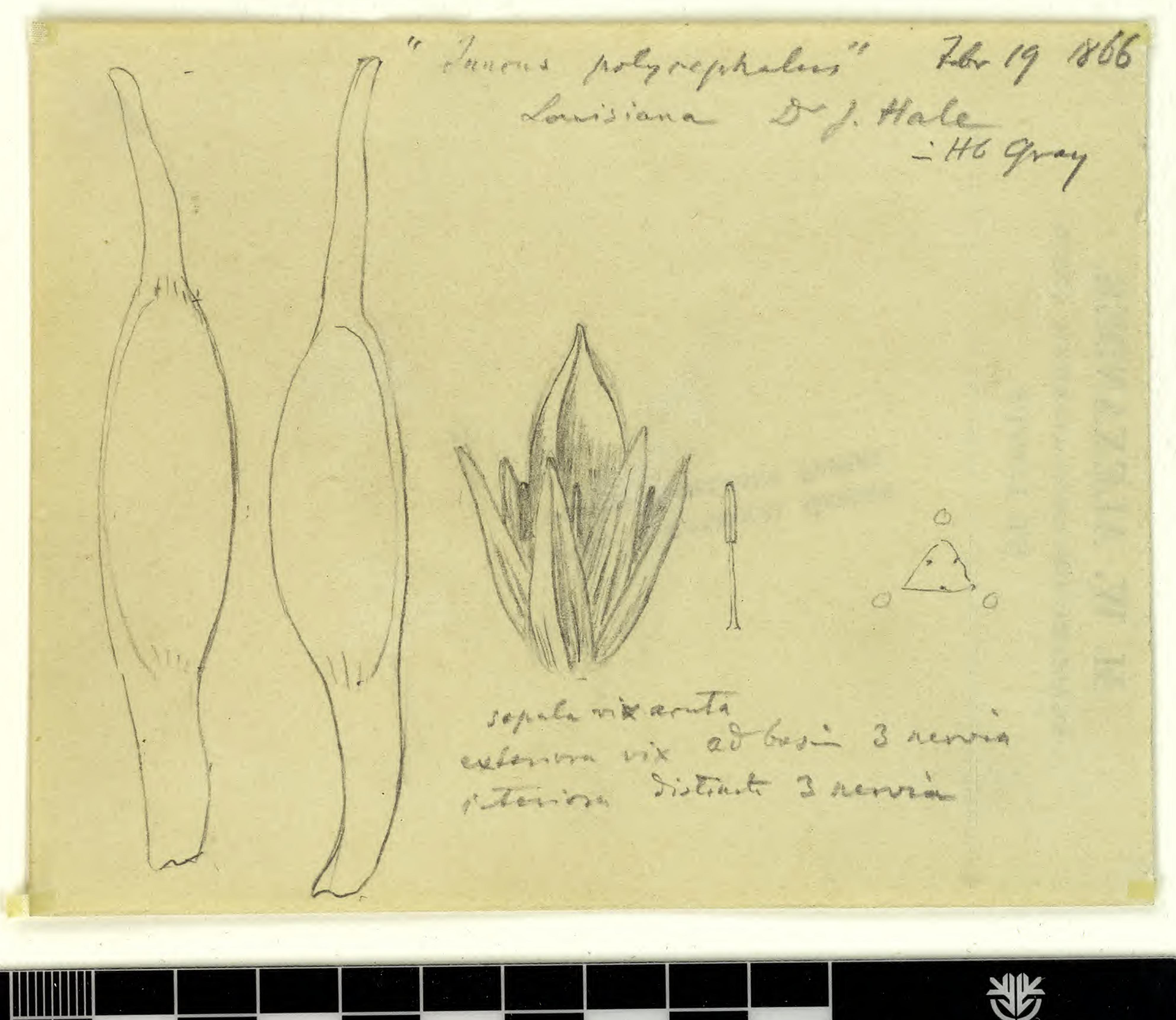
GARDEN

d. ren Jabra Dates 1/2-2 lin 3.2 - 3.4 3.6 3.6 3.5 3.8 3.0 38. 2.8 mean 3.4 mm long. seed 38 × 15-50 37 × 15-57 38 × 17-60 43×16-66 33×16 -76 35 × 16 - 47 -64 25-x 16 _ 45-30×15-45 22×14-56 22 × 16 - 40 42 X 15-50 70×14-56 42×15=70 40×14 -50 38×17-58 10 x 16- 62 lin 0.25- 0.36 le Center of seed 30-43 man mean 36 mg 0.12-0.13 Same











M. W. ALEXANDER,

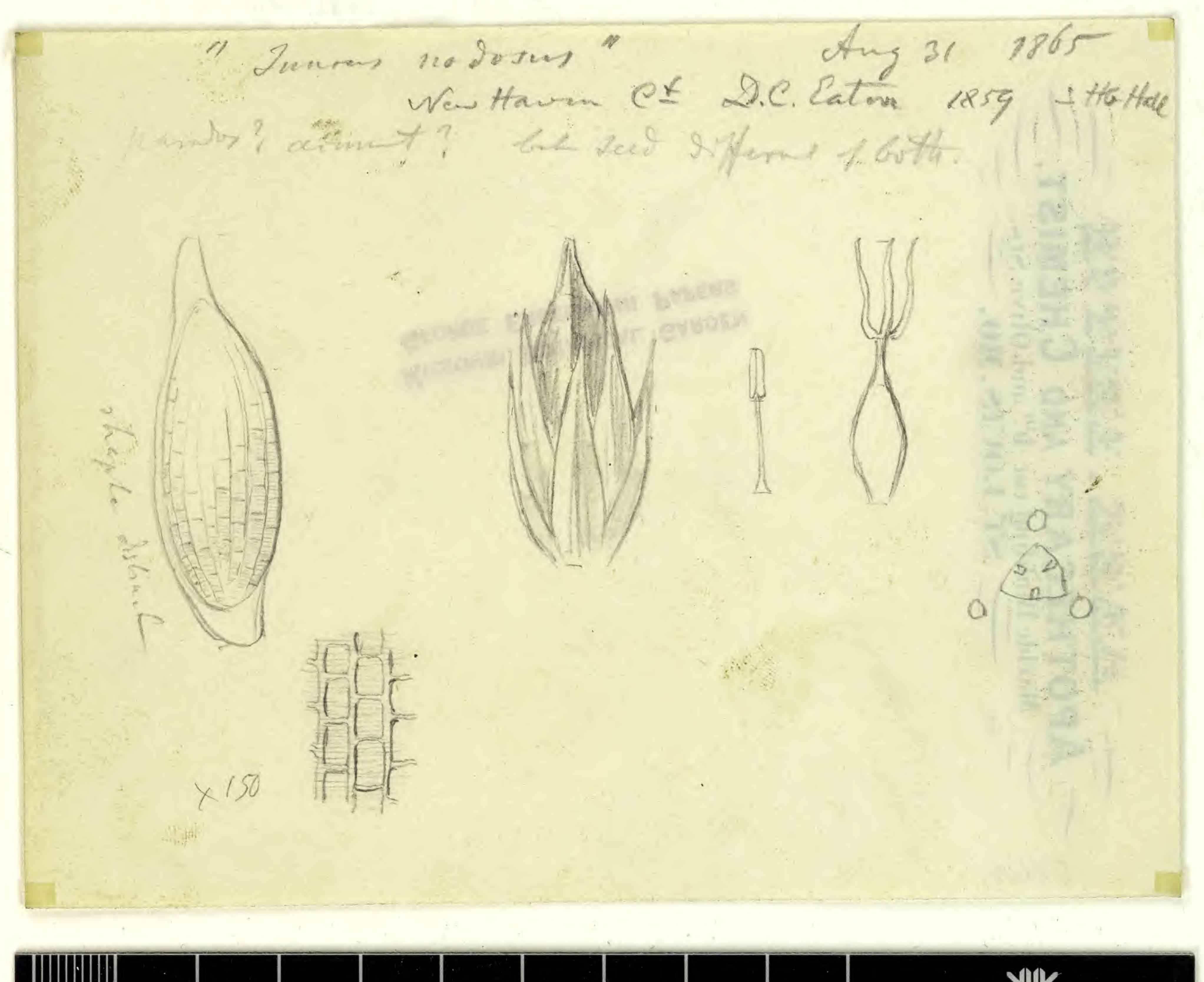
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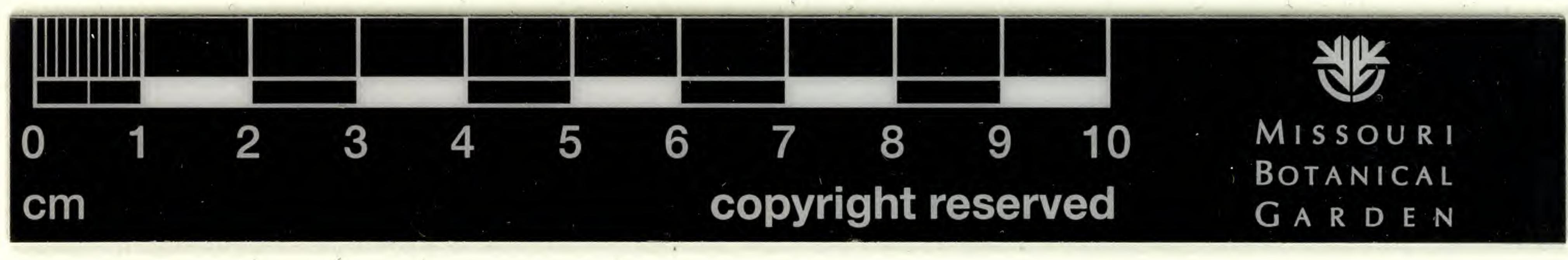
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MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

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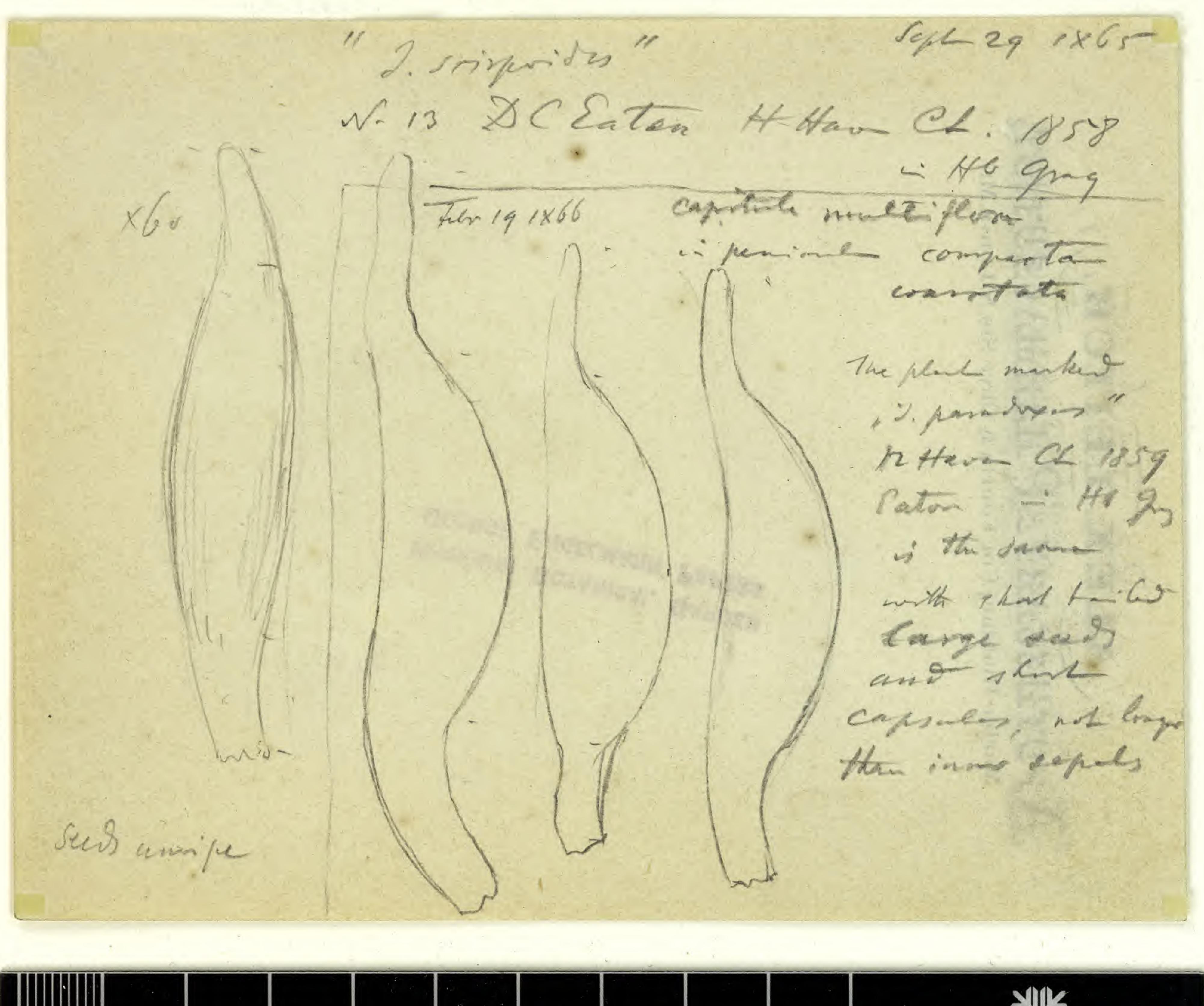






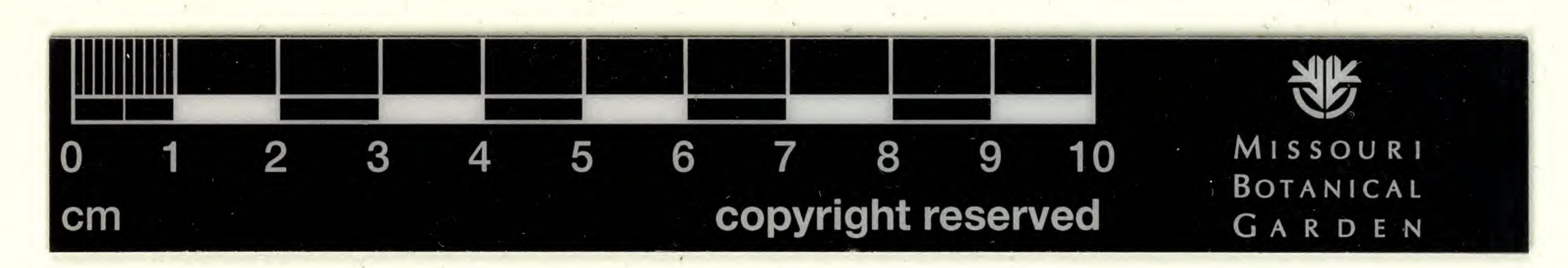




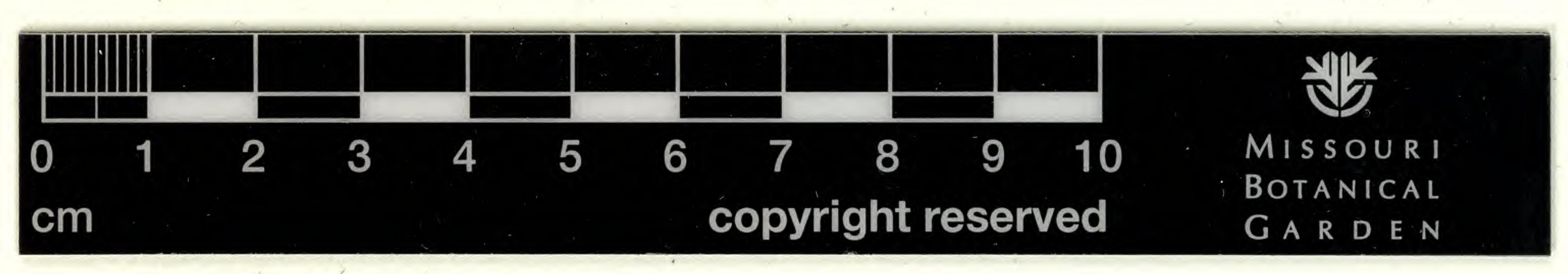


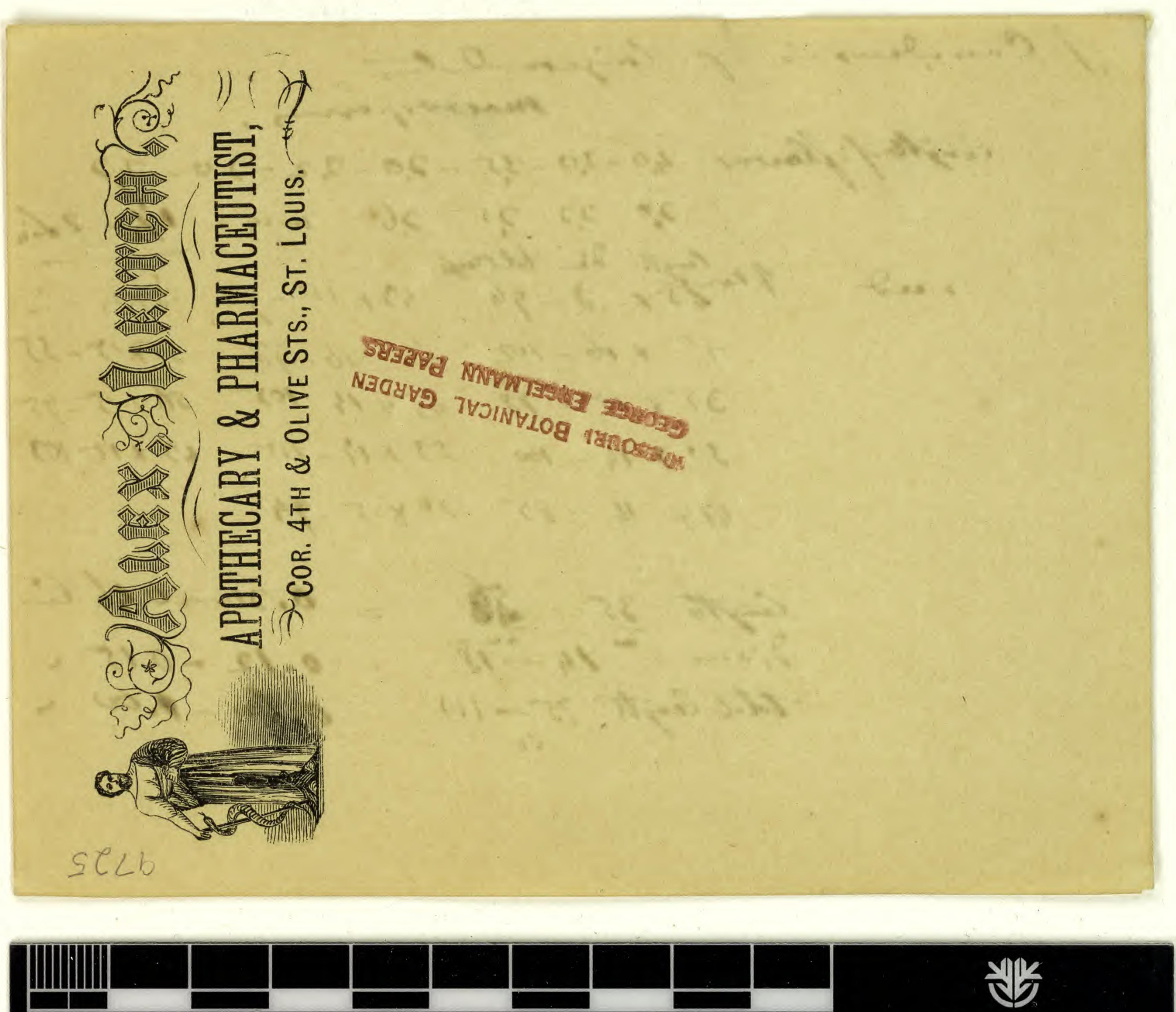


MISSOURI BOTANICAL GARDERS



J. Condensis g. Congeralty masso for Centh of flower 4,0=3,0-3,5-2,0-3,2-3,0-3,2 20 2,2 2,5 2,6 mm. 1/2-2Lig seed front die tottleght 43 x 15-90 48 x 14-75 43 × 16-102 45 × 16-98 35×15-55 35x 15-78 45 × 14 105 56×15-95 50 × 14 - 100 53 × 17-115 43 × 12-80 47x 14 - 85 50 × 15-94 Cent 35 - 56 = 0.30 -0.46 lin D'acco 14-518 0.12-0.15 total length 75-110 0.60-1.00







Tumous bustanding S. Suran Mulas Jung Legel un, Delle Bell Washington Leidy et Leidy I Men Jarry a While Denick Jeonge Muttall nottles) Seme: Eaton Ho Hall New Haven Ct. d'anster la 1 Porte) Porte



Alex.Leitch,

APOTHICARY & CHAIRS.

Cor. 4th & Olive Sts.. St. Louis.

MISSOURI BOTANICAL GARDEN.

9 C Lb

A H. Xwan lith

